

C.NO/76/ADV/CFO/HBL/2020

To,
Principal
Padmavati International School,
Hosur-Rabakavi,
Jamakhandi Talluk,
Bagalkot District.

Sir,

Sub : Issue of 'Fire safety recommendation/Advice' to Padmavati International School, Sy.No.239, Mahalingapur Road, Hosur-Rabakavi, Jamakhandi Talluk, Bagalkot District.

Ref : 1) Applicants request letter dated 18/02/2020
2) C.No.31/RFO/HR/2020 Dated 25/02/2020

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With reference to the subject above cited, the premises of Padmavati International School, Sy.No.239, Mahalingapur Road, Hosur-Rabakavi, Jamakhandi Talluk, Bagalkot District was inspected by the Regional Fire Officer, Hubballi on 22/02/2020 with respect to Fire prevention, Fire fighting and Evacuation measures to be complied in the above premises and has submitted the details as under.

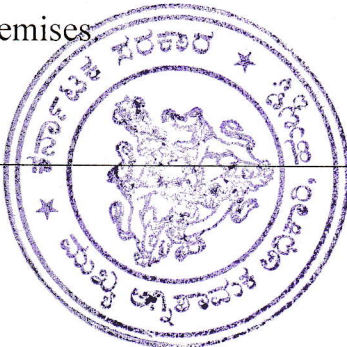
ANNEXURE-B

"B1& B2 – Schools upto senior secondary level and other institutions"
NBC-2016, Part-4, Table 7 (11) 3.1.3 Group B Educational Buildings

(These condition are indicative and not exclusive all relevant provisions related to fire and life safety of NBC 2016 are mandatory.)

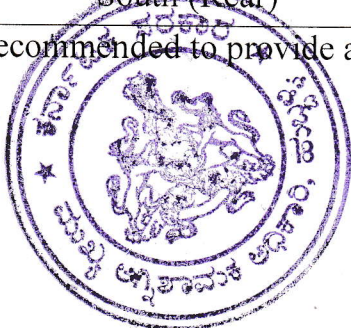
A. Details of the building / premises :-

01	Name and Address of the Applicant.	:	Principal Padmavati International School, Hosur-Rabakavi, Jamakhandi Talluk, Bagalkot District
02	Name and Address of the premises.	:	Padmavati International School, Sy.No.239, Mahalingapur Road, Hosur-Rabakavi, Jamakhandi Talluk, Bagalkot District



03	Name and address of the Building owner	Principal Padmavati International School, Hosur-Rabakavi, Jamakhandi Talluk, Bagalkot District
04	Number of buildings	: 01
05	Number of floors	: Ground Floor & 3 upper Floors
06	<u>Floor-wise details of occupancy:-</u>	
	Ground floor	: 07 nos. of Class room, Office Room, Library, Lab, Computer room, Principal room, Toilet Section.
	First floor	: 08 nos. of Class room, Staff room, Lab, Computer room, Principal room, Toilet Section.
	Second floor	: 09 nos. of Class room, Lab, Computer room, Principal room, Toilet Section, Hall.
	Third floor	: 09 nos. of Class room, Lab, Computer room, Principal room.
07	Height of the building	: 10.00 Mtrs.
08	Site area	: 15947.05 Sq. Mtrs.
09	Built-up area of each floor:-	
	Ground floor	: 660.00 Sq. Mtrs.
	First floor	: 660.00 Sq. Mtrs.
	Second floor	: 745.00 Sq. Mtrs.
	Three floor	: 745.00 Sq. Mtrs.
10.	Total built-up area	: 2810.00 Sq. Mtrs.
11.	Surrounding properties:-	
	East (Side)	: Open Land
	West (Side)	: Open Land
	North (Front)	: 09.00 wide main road
	South (Rear)	: 09.00 wide road
12.	<u>Set-back area available around the building :-</u>	
	East (Side)	: 07.00 Mtrs.
	West (Side)	: 06.00 Mtrs.
	North (Front)	: 08.00 Mtrs.
	South (Rear)	: 06.00 Mtrs.

Note : Recommended to provide and maintain setbacks as per Local ZR.

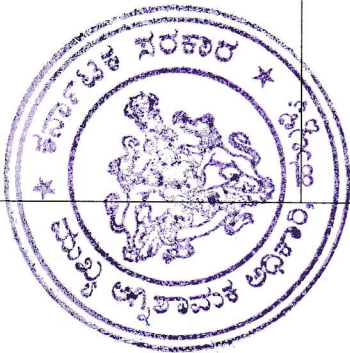


B. On inspection of this Educational premises, the following fire prevention, fire fighting and evacuation measures recommended are considered absolutely essential from fire safety point of view :

Sl. No. (1)	Details (02)	Existing (03)	Recommendations (04)																					
01.	Accessibility to the premises	The premises is abutting by 09.00 mt. wide hard surfaced road located on Northern side.	Adequate																					
02.	No. of entrances	01 no of entrance & exit	Recommended to provide at least 1 entry & 1 exit.																					
03.	Width of entry / exit	08.00 mtrs	Adequate Minimum 06.00 mtrs. width with height clearance of minimum 05.00 mtrs. from ground level.																					
04.	Diesel generators.	Provided 01 Generator of 10 KVA Capacity.	Recommended to provide minimum 30 KVA diesel generator.																					
05.	No. of staircases available	<table border="1"> <tr> <td>Nos. of staircases</td> <td>:</td> <td>03</td> </tr> <tr> <td>Width of staircases</td> <td>:</td> <td>2.00 mt</td> </tr> <tr> <td>Width of treads</td> <td>:</td> <td>30 cm</td> </tr> <tr> <td>Height of risers</td> <td>:</td> <td>15 cm</td> </tr> <tr> <td>Nos. of riser per flight</td> <td>:</td> <td>11 nos.</td> </tr> <tr> <td>Height of handrails</td> <td>:</td> <td>1.00 mt</td> </tr> <tr> <td>Head room clearance</td> <td>:</td> <td>2.80 mt</td> </tr> </table>	Nos. of staircases	:	03	Width of staircases	:	2.00 mt	Width of treads	:	30 cm	Height of risers	:	15 cm	Nos. of riser per flight	:	11 nos.	Height of handrails	:	1.00 mt	Head room clearance	:	2.80 mt	Additional staircase should be provide if the travel distance exceeds 22.50 mtrs.
Nos. of staircases	:	03																						
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06.	No. lifts and capacity.	<table border="1"> <tr> <td>Nos. of lifts</td> <td>:</td> <td>Nil</td> </tr> <tr> <td>Capacity of lifts</td> <td>:</td> <td>--</td> </tr> </table>	Nos. of lifts	:	Nil	Capacity of lifts	:	--	N/A															
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07.	Fire extinguisher	Provided 06 nos. of ABC fire extinguishers each of 06 kg capacity.	Fire extinguishers required (ABC, CO ₂) for every 100 sq.mtrs. built up area.																					
08.	Public address system	Not provided	Recommended to Provide Public address system with talk back																					



			facility at each floor of the School building with its 'control' at the ground floor level at security room.
09.	First aid Hose reel hose.	Not provided	Recommended to provide Hose reel hose with adequate length near each staircase.
10.	Automatic sprinkler system.	Not provided	Not required as there is no basement.
11.	Terrace tank over respective tower terrace.	Provided 01 no. of U/G tank of 25000 ltrs. Capacity & 05 nos. of Overhead tank each of 5000 ltrs. capacity.	Terrace tank required 10,000 ltrs. Capacity for each down comer system.
12.	At the terrace tank level with minimum pressure of 3.5 kg/cm ² .	Not provided	Recommended to provide booster pump of 450 lpm capacity for each down comer system.
13.	Fire control room at ground floor.	Not provided	Recommended to provide fire control room at the entrance/security room.
14.	Escape routes	Not provided	Recommended to Provide Direction in which the employees/ Students should have to move in the event of any emergency have been marked with luminous paint at each floor directing the employees towards emergency exits.
15.	Fire order	Not provided	Fire safety plans has to be indicated with details of actions to be taken in case of an emergency near staircase landings at each floor with telephone numbers of



			Rabakavi-Banahatti fire station i.e., 08353-232101, & 101 telephone numbers of the nearest Ambulance service.
16.	Fire fighting training	Not provided	At-least 40% of employees shall be got trained in basic fire fighting at R.A.Mundkur fire & Emergency Services Academy, Bannerughatta road, Bangalore within 3 months or at an early date. And shall be submitted to this office.
17.	Additional recommendations.	<ol style="list-style-type: none"> 1. Recommended to provided 01 ABC Extinguisher of 05 kg capacity for every 04 Classrooms, 02 Nos. of ABC Extinguisher of 05 kg capacity to the library & 02 Nos. of CO2 Extinguisher for Store room. 2. Recommended to provide 01 CO2 extinguisher of 4.5 kg capacity at the Electrical Panel room And 05 nos. of First Aid boxes at the office. 3. Recommended to provide 01 No. of Emergency electric operated siren. 4. Petroleum products like LPG, Petrol, etc. shall not be stored in the School Building. 5. An awareness program of fire fighting and safety to be conducted in your School for School students and lectures in this regard the management or The Principal of the School should contact the Chief fire Officer Hubli Zone. 6. No thatched houses shall be erected in the School premises. 7. If kitchen or canteen is provided, it should be in a separate building minimum 15 mts. away from the School building. 8. Jump wires and loose connection of electric wirings and inflammable are prohibited. 9. Combustible material shall not be stored in the School premises. 10. All the equipments shall be periodically examined by 	



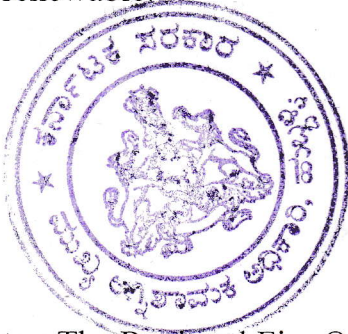
The Karnataka Fire & Emergency Service Department is issued the Fire Safety recommendations in compliance to the undersigned, within 90 days.

♣ **All requirements recommended above are as per National Building Code-2016 Part-4 clause 3.1.4 of Fire and Life safety will have to be complied with mandatorily.**

From the above details it is clear that the '**Management**' of the above Educational building have been recommended to provide fire precautionary measures as per **National Building Code 2016, Part-4, Table 7 (11) 3.1.3 Group B Educational Buildings Sub division B1 & B2**. After full-filling the above recommendations, a Certificate should be obtained by this office. *If at any time any of the conditions are found not complied with, this Certificate shall stand withdrawn/cancelled.*

Hence, On the report submitted by the Regional Fire Officer, Hubballi this recommendations is issued to Padmavati International School building consisting of Ground floor and 3 upper floors situated at Sy.No.239, Mahalingapur Road, Hosur-Rabakavi, Jamakhandi Taluk, Bagalkot District.

This certificate is valid for a period of one year from the date of issue of this letter and is renewable.



Yours faithfully

Su W
25/2/2020
CHIEF FIRE OFFICER
Karnataka State Fire and
Emergency Services, Hubballi Zone
HUBBALLI-25.

Copy to : The Regional Fire Officer, Hubballi Range.